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THE

Family Physician,

SURGEON,

AND

CATTLE-KEEPER'S GUIDE;

OR,

EVERY MAN HIS OWN DOCTOR.

A BOOK,

CONTAINING MANY VALUABLE PRESCRIPTIONS,

Founded on Experience,

FOR

CURING OR RELIEVING VARIOUS DISEASES OF THE HUMAN BODY, AND OF CATTLE,

FROM DRUGS AND HERBS,

AT AN EASY EXPENCE.

Homines docti et Usu periti.—Cic. 1 Off. 56.

By Joseph Arundel.

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TO THE PUBLIC.

The Publisher of the following pages, having made Physic and Surgery his chief study and practice for fifty years and upwards, attended with great success, and being far advanced in years, has been induced, at the desire of a numerous acquaintance, to publish many of his valuable and experienced Receipts; trusting, with the blessing of Almighty God, they will be found serviceable to all those who please to use them.

I am,

With due Respect,

Your Humble Servant,

Joseph Arundel.

Lofthouse, near Wakefield,
June 13, 1816.

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INDEX.

	PAGE
Cold and Cough	5
Ague—Quinsey or Sore-Throat	6
Splinters, Breeders, Sore Mouth and Lips	7
Essential Essence to dress Wounds, &c.	7
Rheumatic Pain, Difficult Breathing, &c.	8
Hooping-Cough—Salve to dress Wounds, &c.	9
Proud Flesh—Piles	10
Vomiting Draught—Purging Draught	10
Worms and Grubs—Scrofulous Complaints	11
To make good Bitters	12
Scurvy in the Mouth—Hoarseness, &c	12
Deafness—Pain in the Side—Dropsy, &c.	13
Diabetes—Lax—Jaundice	14
Obstructions of the Menses	15
Flow of the Menses	15
Decline of Life	15
Scald-Head—Itch—Tooth-Ache	16
Cholic—an Anodyne Draught	17
Bite of a Mad Dog	17
Elder Ointment for Burns, &c.	18
St. Anthony's Fire	18
Take out Fire—Bleeding Cancers, &c.	19
Hickup—Bleeding—Stone and Gravel	20
Black Plaster Salve—Decline—Scurvy	21
Sweating Draught—Indigestion, &c.	22
To expel Poison—Nervous Disease	23

To cure a Wen—Eye-Water 24
Sores on Children's Chin and Ears..... 24
Peppermint-Water—Corn Plaster 25
Smelling-Bottle—Sick-Head-Ache 25
Fevers in general..... 26
For a Cow that gives bad milk, &c. 26
To Dry a Cow—Bulling Drink 27
For Cows that do not clean well after Calving 27
Stoppage in the Bowels—Gargle or Downfall 28
Fellon in the Back and Joints 28
Red Water—Glyster for a Cow 29
Swelled with Clover—Milk Fever 30
Glyster for the Uterus of a Cow in Milk Fever 30
Ditto for the Fundament ditto 31
Blend or Bad-Water 31
Ointment to rub Gargled Cow's Bag 31
Swelled, running eyes, &c.—Fog Fever. 32
Skit or Scouring—Cholic or Dry Gripes ... 33
Staggers—Worms and Botts 34
Lice on Foals, &c.—Mange in Dogs, &c.... 35
Staling Ball for a Horse with Greasy Heels 35
Purging Ball—Stomach Ball for Fevers, &c. 36
Mixture for Wind-Galls, &c. 36
Oils for Horses with Strains, Sore Shoulders, &c. 37
Gargle Oil for Sheep 37
Distemper in Dogs 38
Table of Weights..... 38
Weight of Fat Cattle by measure 38

THE

FAMILY SURGEON,

&c.

To cure a Cold and Cough.

TAKE an infusion of linseed sweetened with honey, a tea-cup full of this drunk three or four times a day, gives ease to the lungs and strengthens the body.

Or,

Take gum ammoniac, two ounces, rub it down in a pint of soft water, and sweeten it with honey: take a table-spoon full two or three times every day.

Or,

Take soft water, six ounces; volatile aromatic spirit, two drachms; florence oil and paregoric elixir, of each one ounce; a table-spoon full may be taken every three hours. The patient should keep warm within-door.

To cure the Ague.

Drink plentifully, four times a day, tea, made strong of *sinquefoil,* or five-leaved grass, well sweetened with raw sugar or honey.

Or,

Take ipecacuanha, half a drachm, in a little warm water, three hours before the fit comes on. This will make the patient vomit, which must be wrought off with weak camomile tea, after which, take half an ounce of peruvian bark in a glass of red port twice a day, until well.

To cure a Quinsey or Sore-Throat.

Take fine soft flannel and fold it often round the neck; eat the jelly of black or red currants; at intervals, have a bit of sal prunel, or purified nitre in the mouth, swallow it as it melts; this promotes saliva. The patient will soon be well.

Or,

Take white bread, hogs-lard, and milk and water, made into a poultice, and bound up in a flannel on the throat, will

have a good effect. Sometimes rubbing the throat with spirits of hartshorn, will have the desired effect.

To draw Splinters and break Breeders.

Take wheat bran, hogs-lard, turnip, and white lilly-root, boiled in verjuice, apply it warm as a poultice, repeat it once a day, it will have the desired effect.

To cure Sore Mouth and Lips.

Take the juice of houseleek and cream, work it well in the mouth, and swallow a moderate quantity: it will cool the stomach and make a speedy cure.

Or,

Take roch-alum, one ounce; bole ammoniac, half an ounce; honey and vinegar, a quantity sufficient to make a paste.

To make Essential Essence to dress Wounds, Strains, Bruises, Ulcers, and Whitlows.

Take rectified spirits of wine, tincture

of myrrh, spirits of lavender, opodeldoc, and spirits of sal ammoniac, of each equal quantities, mix them in a bottle for use. A little of this essence applied as the circumstance requires, seldom fails of giving relief.

To cure Rheumatic Pain.

Take opodeldoc and spirits of turpentine, equal quantities; rub the painful part, wrap it up in fine soft flannel, and the patient will feel present relief.

To cure Rheumatic Pain by an inward application.

Take valerian root, one ounce; gum-guaiacum, ginger, and salt-petre, of each two drachms, pound them and mix in treacle, divide into six doses: take a dose morning and night, and drink a little gin punch after it.

To cure Difficult Breathing, Inward Bruises, and Asthmatical Complaints.

Take valerian root and make it into strong tea, drink a pint every day, with

from twenty to forty drops of Turlington's or Fryar's balsam dropped on loaf-sugar. This has been found very effectual.

Or,

Take two pound of unslacked lime, immerge it in a gallon of water, and when it is clear, drink half a pint twice every day.

To cure the Hooping-Cough.

Take cochineal, ten grains; salt of tartar, one scruple; dissolve it in three ounces of water, and sweeten it with loaf-sugar: give the patient a spoonful at discression. This seldom fails of cure.

To make excellent Salve to dress Wounds, Ulcers, and Whitlows.

Take Venice turpentine, frankincense, yellow rosin, linseed oil, and bees-wax, of each equal quantities, melt them to a consistency: a portion of this spread on lint, and applied to the wound once a day, commonly effects a cure.

To kill Proud Flesh in Wounds.

Take burnt alum or red precipitate, finely powdered, and apply it very sparingly: when it has been on twelve hours, wash it off with warm milk and water. It will have the desired effect.

To cure the Piles effectually.

Take flour of sulphur, one ounce; cream of tartar, half an ounce, and drink it in a cup of green tea. This will cool the patient's inside. Then use the following ointment:—Take good black galls, pounded very fine, and mix them in hogs-lard, and anoint the piles three times a day, until cured.

To make a Vomiting Draught.

Take of ipecacuanha, in powder, twenty grains; water, one ounce; make it sweet with sugar, and work it off with weak camomile tea.

A Purging Draught.

Take jalap and ginger, of each a scruple and a half; cream of tartar, four

drachms; water, one ounce and a half; sweeten it with sugar to the palate, and work it off with water-gruel.

Or,

Take Epsom salts, from one to two ounces, in a gill of warm water, and work it off as above.

To kill and expel Worms and Grubs.

Take Turkey rhubarb, in powder, a scruple; scammony and calomel-aleppo, of each five grains, in currant-jelly or treacle. For very young children, divide it into two or three doses, and work it off with water-gruel.

To cure Scrofulous Complaints and King's Evil.

Let an unwashed vervain root, about four inches long, be worn at the pit of the patient's stomach: wash the sores daily, with a warm and strong infusion of hemlock, and lay on a thin plaster of elder ointment: drink half a pint of strong tea, made of water dock-root, every morning and evening. This will be found very effectual.

To make good Bitters.

Take wormwood, horehound, wood-betony, and double tansy-grass, of each equal quantities, make a strong liquor in good soft water, strain it off, add one pound of fine raw sugar to every gallon of this liquor, and give it a gentle boil; when nearly cold, put it to barm, and in two days bottle it off. Drink a tea-cup-ful every morning. It creates a quick appetite, expels wind, kills worms, cheers the spirits, and sweetens the blood.

To cure Scurvy or Canker in the Mouth and Gums.

Take rosemary, hyssop, and double tansey-grass, boil them in white wine vinegar; make it strong: strain it off and bottle it for use: wash the patient's mouth and gums frequently with this liquor, and it will have the desired effect.

To cure Hoarseness and Loss of Speech.

Take red sage and rosemary, of each equal quantities, and make them into

strong tea ; to one quart, add a gill of French brandy ; sweeten it to the palate with honey, and bottle it for use : drink a glass at discretion.

To cure Deafness.

Take oil of amber, one drachm ; oil of almonds, two drachms ; drop a few drops into the patient's ear at night, and put in a little wool. It will be found a valuable remedy.

To cure Pain and Stitches in the Side.

Take white rosin, thirty grains, pound it very fine, and make it into an electuary with a spoonful of treacle : drink a glass of strong peppermint-water after it, and the patient will feel immediate ease.

To cure Dropsy and expel Urine.

Take dawcus-seed or parsley-seed, and make a strong decoction in water, strain it off, add one ounce of cream of tartar to a quart, make it sweet with honey, and bottle it for use : take a wine-glass

full once a day, with a tea-spoon full of sweet nitre. This seldom fails giving relief.

To cure a Diabetes, or an Excessive Discharge of Urine.

Take yarrow and make a strong decoction, and strain it off; when nearly cold put it to balm; in two days, bottle it, adding half a pint of good black-beer, and half an ounce of common alum, to every quart: give the patient a cup full twice a day.

To cure or stop a Lax.

Take two drachms of prepared chalk, and two new laid eggs, mix them in a generous glass of brandy and water; the patient may repeat it once every day, until cured.

To cure the Jaundice.

Take Castile soap, succotrine aloes, and Turkey rhubarb, of each one drachm; mix them, and make into twenty pills: take four or five every day, and drink

rosemary tea. The patient should abstain from malt-liquor.

In obstinate Obstructions of the Menses.

Take salt of steel, succotrine aloes, and myrrh, in powder, of each one drachm, mix them, and make into forty pills with honey: take two or three morning and evening, and drink a strong cup of pennyroyal tea after them. This is a special remedy.

To cure an excessive Flow of the Menses.

Take of red roses, dried, half an ounce, infuse them two hours in one quart of hot water, strain it off, and add half a drachm of oil of vitriol, and one ounce of loaf-sugar: drink a tea-cup full every three hours.

Decline of Life.

Take one ounce of succotrine aloes and mix it in one quart of British com-

pounds: drink a glass twice a week. The patient will find great comfort and relief.

To cure a Scald-Head.

Take the ashes of an English ash tree bark, and make it into a strong lie: wash the patient's head twice a day.

To cure Itch.

Take hogs-lard, four ounces; flour of sulphur, an ounce and a half, crude sal ammoniac, two drachms: essence of lemons, fourteen drops; make them into an ointment, and rub the patient. It has an agreeable smell, and works a speedy cure.

To cure the Tooth-Ache.

When the tooth-ache is accompanied with swelled cheeks and gums, recommend a fomentation on the neck and head, of wormwood and camomile, equal quantities, made strong; after which, wrap the head, &c. in fine soft flannel, and keep warm: if not, take solid opium spread on black sticking-plaster, as big

as a shilling, apply it on the temporal artery, where the pulsation is most sensibly felt, and it will have the desired effect. Or apply Riga drops in lint, to the hollow tooth; it will heal the nerve, stop the decay, and give immediate ease. Or extract the tooth by a skilful hand.

To cure the Cholic.

Take spirits of nitre, three drachms; tincture of opium, thirty drops; with a sufficient quantity of warm water.

To make an Anodyne Draught.

Take liquid laudanum, twenty-five drops; cinnamon-water, one ounce; syrup of violets, two drachms; mix them. In excessive pain and restlessness, this composing draught may be safely taken, and repeated occasionally.

To cure the Bite of a Mad Dog, and stop the infection.

Take the leaves of rue, six ounces; roots of garlic, four ounces, and bruise them; add Venice treacle, mithridate,

and filings of pewter, of each four ounces; boil them in two quarts of good strong old ale, until it is reduced to three pints; strain off and bottle for use.= Giving the patient nine table-spoons full of this liquor, nine mornings in succession, and bathing the wound with a portion of it, will prove an effectual and certain cure.

To make Elder Ointment, for the cure of Burns, Scalds, Evil, Whitlows, and Breeders.

Take young tops, or leaves, or inner rind of Elder-tree, and put them to boil one hour in hogs-lard; make it strong, and strain it off; to every pound, add one ounce of Venice turpentine; give it a gentle boil, and pot it down for use.

To cure St. Anthony's Fire.

Bathe the part with warm water and salt, and wrap it up in fine soft flannel: take half a drachm of nitre, and five grains of Turkey rhubarb, in a cup of green tea; repeat it three times a day.

The affected part will turn yellow and fall off in scales.

To take out Fire.

Take burdock leaves, bruise them, and make an ointment with the white of eggs; apply it to the part affected every four hours, and it will have the desired effect: afterwards, dress the wound with elder ointment. It will soon be well.

Or,

Apply cool drawn linseed oil, with spirits of turpentine, till fire is out.— Or, Goulard's extract of lead, one ounce; water, four ounces, and use as above.

For Bleeding Cancers, and broken Sore Breasts.

Take bramble leaves and yarrow, equal quantities, with comfrey roots in proportion: boil them one hour in soft water; make it strong, and strain it off: bathe the part affected with a little twice a day. It is very healing, and stops the bleeding. Dress with elder ointment.

To cure the Hickup.

Take a cup of fennel-seed tea, or a draught of ale vinegar, or a few drops of oil of vitriol in cold water. It will cure the Hickup.

To staunch Bleeding.

Take plantain and make a pint of strong tea; add cinnamon water, six drachms; distilled vinegar, one ounce; dragon's blood, half a drachm; and syrup of myrtles, five drachms: take three table-spoons full every hour, and apply a napkin immerged in strong ale vinegar to the pit of the stomach.

To expel Stone and Gravel.

Take dawcus-seed, or anniseed, three ounces; boil it in three pints of soft water, until it is reduced to two; strain it off and bottle it; add one ounce of oil of juniper, or sweet nitre: drink a tea-cup full of this liquor once a day, with twenty grains of Castile soap, made into a pill, it will have the desired effect.

To make Black Plaster Salve.

Take white lead, finely powdered, two ounces; oil of olives, four ounces; Burgundy pitch, one ounce; melt them in a brass pan one hour, and pot it for use; this, spread thin on fine black silk, makes excellent sticking-plaster.

To cure a Decline.

Take plantain, horehound, rosemary, and hyssop, of each equal quantities; infuse them in hot water one hour; make it strong, and strain it off: to a gallon of this liquor, add one pound of honey, and give it a gentle boil; when nearly cold, put it to barm; in two days bottle it off, adding to each quart, two table-spoons full of good French brandy. The patient may take a moderate glass every three hours.

To cure the Scurvy.

Take hyssop, balm, horehound, ground ivy, double tansy-grass, and red sage, of each equal quantities; infuse them in hot water two hours, and strain it off;

to a gallon of this liquor, add one pound of raw sugar; give it a gentle boil; when nearly cold, put it to barm; in two days bottle it off: drink a tea-cup full once a day. By immerging two ounces of quick-lime in a pint of the above liquor, and frequently washing the affected part, the cure will be much quicker.

A Sweating Draught.

Take spirits of mendererus, two ounces; salt of hartshorn, five grains; cinnamon-water, and syrup of poppies, of each half an ounce; make them into a draught. This will make the patient sweat freely; but must keep within door, and work it off with water-gruel. In colds, aching bones, and rheumatic pains, this is excellent.

To cure Indigestion, loss of Appetite, Flatulency, and Gout.

Take gentian root, two ounces; Virginian snake root, half an ounce; orange peel, one ounce; boil them in three pints

of water until reduced to two; strain it off; add two table-spoons full of good French brandy, and bottle it for use. Give the patient a small tea-cup full twice a day.

Or,

Take elixir of vitriol, fifteen to fifty drops, in a spoon full of water. It has a good effect, and creates a quick appetite.

To expel Poison.

Let the patient drink freely of sallad oil, or whale oil, (it prevents a mortification,) until a physician can be procured, who, most likely, will work it off by a vomit and stool. Red wine and bark, as described in the ague medicine, is proper, after the expulsion, to restore health and vigour.

A Cure for the Nervous Disease.

Take Peruvian bark, one ounce; gentian-root, orange-peel, and coriander-seed, of each, half an ounce; bruise them; infuse in a bottle of brandy six days; strain it off, and give the patient a table-spoon full three times a day.

To cure a Wen.

Take oil of origanum, half an ounce; spirits of wine, one ounce; spirits of turpentine, half an ounce; and mix them in a bottle: rub the wen twice every day; then lay on the following ointment:—Take quick-lime and soft soap, equal quantities, and mix it well together: spread a portion of it on sheep's-kell, and apply to the wen, it will waste gently away.

To make good Eye-Water.

Take Goulard's extract of lead, thirty drops; brandy, a tea-spoon full; water, eight ounces; mix them in a bottle for use. Bathe the eye as often as convenient.

To heal Children which are broken out in Sores on the Chin and Ears.

Take white-lead, oil, and spirits of turpentine, the same as painters use, lay a little on with a feather, twice every day, and the sores will disappear in a week or ten days.

To make good Peppermint-Water.

Take boiled water, one quart; loaf sugar, one ounce; essence of peppermint, one tea-spoon full; mix them well together. It will be very strong and fit for immediate use.

Corn Plaster.

Take blue vitriol, powdered, two drachms; melt one ounce of Burgundy pitch, and mix in the vitriol: cut your corns in the decline of the moon, and lay on a plaster of the above. The corns will seldom appear again.

To make a good Smelling-Bottle.

Take volatile salamoniac, two drachms; and essence of burgamot, twelve drops.

A Cure for the Sick-Head-Ache.

Take sal volatima and spirits of lavender, of each, a tea-spoon full, in a wine-glass of water well sweetened with loaf sugar. The patient will feel immediate ease.

A Cure for Fevers in general.

Let the patient drink freely, four or five times a day, sinquefoil-tea, and keep the body gently open with the following, made into pills :=Take Castile soap and succotrine aloes, of each, two drachms, with a sufficient quantity of honey or sugar, to form it into pills : three or four may be taken when necessity requires. Let the patient eat and drink what the appetite craves for.

RECEIPTS FOR CATTLE.

For a Cow that gives bad milk, to make it good, churn soon, and thrive well.

Take anniseeds in powder, two ounces ; fennel-seeds in powder, two ounces ; turmuric, one ounce ; ginger, one ounce ; butter, three ounces ; treacle, half a pound, mixed in three pints of ale : repeat it once on the second day.

To Dry a Cow of her Milk.

Take roche alum, four ounces; common alum, four ounces; dragon's-blood, half an ounce; and turmuric, one ounce; to be given in old milk: repeat it once in two days, and draw two quarts of blood. Cow not to be milked any more.

To make a Cow go a Bulling.

Take black hellebore, half an ounce; capsicum, three drachms; round birthwort, one ounce; bayberries, in powder, three ounces; and cantharides, in powder, eighteen grains: to be given in one quart of warm water.

For Cows that do not clean well after Calving.

Take juniper berries, three ounces; round birthwort, two ounces; fenugreek, one ounce; spermaceti, eight ounces; brimstone, one ounce; antimony, one ounce; and saffron, half an ounce: mix them, and divide them into two doses: to be given in warm ale once a day.

To physic a Cow that has a Stoppage in her Bowels.

Take castor oil, eight ounces; Epsom salts, eight ounces; ginger in powder, one ounce; to be given in two quarts of warm water, and to be repeated once in eight hours.

For Gargle, or Downfall in a Cow's Elder.

Take snake-root, one ounce; Castile soap, two ounces; valerian, three ounces; jalap, half an ounce; gentian, one ounce; and diapente, two ounces; mix and divide them into two doses; give a dose every other day, in a quart of water-gruel: repeat the above once if needful.

For the Fellon in the Back and Joints.

Take grains of paradise, two ounces; salt of tartar, two ounces; Castile soap, two ounces; saffron, two drachms; turmuric, two ounces; and gentian, two ounces; divide it into two doses: give a dose every other day, in one quart of good warm ale.

For the Red Water or Bloody Urine in Cows or Bullocks.

Take dragon's blood, two ounces; prepared steel, one ounce; nitre, three ounces; and diapente, three ounces; mix them, and divide them into two doses: give a dose once a day, in a quart of camomile-tea. Bleeding is necessary in this discease.

Or,

Take balsam of capivi, one ounce, mixed in the yokes of two eggs; roche alum, four ounces; green copperas, one drachm; Castile soap, two ounces; Venice turpentine, half an ounce; nitre, one ounce; to be given in a quart of warm ale, and to be repeated every second day, until cured.

A Glister for a Cow's Uterus in Bloody Urine.

Take balsam of capivi, one ounce, mixed in the yoke of eggs, and one ounce of rum, mix it in one pint of new milk. The same may be applied to the fundament of a bullock.

For a Cow that is swelled with Clover.

Take Epsom salts, eight ounces; nitre, one ounce; palm-oil, four ounces: to be given in warm water.

For a Cow in Milk Fever.

Take nitre, two ounces; spirits of vitriol, half an ounce; valerian, one ounce and a half; gentian-root, one ounce; mix them, and let it be given in a quart of strong camomile tea. This may be repeated once in twelve hours, until the fever abate.

Or,

Take black hellebore, one ounce; capsicum, three drachms; juniper-berries, bruised, three ounces; balsam of capivi, one ounce, mixed in two yolks of eggs: to be given in two quarts of warm water. Repeat it every twelve hours.

A Glister for the Uterus of a Cow in Milk Fever.

Take three pints of new milk, one pint of rum, and one ounce of Venice treacle,

previously mixed in two yolks of eggs, to be conveyed into the calf-bed.

A Glister for the Fundament of a Cow in Milk Fever.

Take Venice turpentine, mixed in the yolk of eggs, half an ounce; honey, one ounce; and Venice treacle, three drachms: convey it in three pints of warm water every four hours.

For a Cow or Bullock in Blend or Bad-Water.

Take dragon's blood, two ounces; nitre, three ounces; roche alum, two ounces; bole ammoniac, one ounce; rhubarb, half an ounce; and red sanders, two ounces; mix and divide them into two doses: one to be given every day, in a quart of butter-milk, until cured.

Ointment to rub Gargled Cow's-Bag with when inflamed.

Take sweet soap, eight ounces;

brandy, four ounces; rectified spirits of wine, one ounce; calcine them in an oven to an ointment: rub the bag three times every day, and strop out the milk or matter each time, or split the teat and let it run out.

For a Beast that is much swelled, running Eyes, oozing, &c.

Take Epsom salts, ten ounces; anniseed powder, two ounces, gentian, two ounces; and ginger, one ounce; to be given in a quart of milk. This is a strong physical medicine, and the beast must be treated accordingly. Draw three pints of blood.

For a Cow in Fog Fever.

Take valerian root, four ounces; jalap, one ounce; juniper-berries, powdered, six ounces; mustard, half a pound; nitre, one ounce and a half; and vinegar of squills, two ounces; beat them up in four pounds of treacle, for four doses: one dose every eight hours, to be given in a quart of camomile-tea. The beast

to be kept warm. Bleeding will be necessary.

A special Remedy for Skit or Scouring in Cows.

Take Turkey rhubarb, powdered, two ounces; solid opium, powdered, half an ounce; bole ammoniac, powdered, two ounces; prepared chalk, powdered, twelve ounces; ginger, powdered, six ounces; best gum-arabic, two ounces; and dragon's-blood, two ounces; mix and divide them into five papers: one pound of logwood shavings boiled one hour in twelve quarts of water; divide this liquor into five equal portions, and give one paper and one portion every twelve hours. To be kept up at hay alone for a month, and to have but two gallons of water (warm,) in a day and night.

For a Horse in the Cholic or Dry Gripes.

Take four ounces of lenitive electuary; soluble tartar, six drachms; tincture of senna, three ounces; and one ounce of

tincture of jalap, in a pint of warm ale. If the horse is not well in four hours, give the following:—Take spirits of nitre, three ounces; Castile soap, two ounces; anniseed powder, one ounce; and opium, one drachm; in a pint of warm ale, and glister with the same quantity.

For a Horse in the Staggers.

Take white antimonial powder, two drachms; assafætida, two drachms; opium, one drachm; and spirits of hartshorn, two ounces; mix them well together, and give in a pint of senna tea: repeat it once a day. Copious bleeding is necessary in this disease.

To expel Worms and Botts from a Horse.

Take bay salt, two ounces; gentian, one ounce; white hellebore, half a drachm; and oil of salvin, two drachms; to be given in a pint of warm water, at night. The following purge to be given next morning:—Take Barbadoes aloes, eight drachms; ginger and Castile soap, of each two drachms, made into a ball.

To kill Lice on Foals, Calves, &c.

Take staveacre, eight ounces; and hot water, two quarts; let it stand warm in a pitcher two days; strain it off = Wash the beast all over with this liquor. It will be found effectual.

To make Ointment to cure the Mange in Horses or Dogs.

Take sulphur of vivium, four ounces; white hellebore, powdered, three ounces; black pepper, powdered, one ounce; oil of tartar, one ounce; olive oil, one quart; and Trooper's ointment, half a pound; incorporate it all together, and rub once in seven days, until cured.

A Staling Ball, or a Ball for a Horse with Greasy Heels.

Take horse turpentine, one pound; yellow rosin, half a pound; and bole ammoniac, a quarter of a pound; to be made into balls of two ounces each: give one every fourth day. Wash the heels daily with soft-soap and warm water.

A Purging Ball.

Take barbadoes aloes, eight drachms; jalap, ginger, and Castile soap, of each two drachms, made into a ball with honey. Warm water and gentle exercise is necessary during the purging.

A Cordial Stomach Ball, or a Ball to be given in Fevers, or after hard riding or drawing.

Take mithridate, half an ounce; anniseed powder, half an ounce; saffron, two drachms; London philonium, two drachms; oil of anniseeds, one drachm; syrup of buckthorn or honey, sufficient to make the ball. Draw one quart of blood. Repeat the ball morning and evening, until fever abate.

Mixture for Wind-Galls, Splints, Curbs, and Bog-Spavins on Horses.

Take oil of origanum, one ounce; rectified spirits of wine, one ounces; ægyptiacum, two ounces; spirits of sal ammoniac, one ounce; oil of turpentine, one ounce; emphorbium and cantharides,

each one drachm, in powder; to be rubbed every morning for a week, and it will disappear.

Oils for Horses with slight Bruises, Strains, Sore Shoulders, Backs, &c.

Take opodeldoc, and camphorated spirits of wine, of each three ounces; Goulard's extract, one ounce; and oil of origanum, two drachms.

The best Gargle Oil for Sheep.

Take soft soap, one pound; and Venice treacle, half a pound; melt them in a brass pan; then add camphorated spirits of wine, one pint; spirits of turpentine, half a pint; oil spike, one pint; and tincture of myrrh, two ounces; mix it well together, and bottle it for use. This oil is effectual for sheep that are bit with dogs or torn with lambing; also for wounds in the fleshy parts of cattle, and if a gangrene is likely to ensue, there is nothing better.

For the Distemper in Dogs.

Take turpith mineral, eight grains; assafætida, half a drachm; succotrine aloes, one scruple; and Castile soap, ten grains; made into a ball. This may be repeated three times; one ball given every fourth day. The dog not to eat flesh or strong broth until cured.

*** The foregoing prescriptions are computed for adults, and are arranged by the following table:—

A pound contains	twelve ounces,
An ounce	eight drachms,
A drachm	three scruples,
A scruple	twenty grains.

A rule to ascertain the weight of Fat Cattle while living.

Rule 1st. With a tape, take the circumference close behind the shoulder, which set down in feet and inches.

2d. Extend the tape along the back, from the fore part of the shoulder blade to that part of the tail which plumbs the extent of the buttock, which set down as before.

3d. Find the square or superficial feet contained in those dimensions, which call the area.

4th. Multiply the area by the proper factor directed below, (for brevity omit the fraction,) and

that product divided by 14, the quotient will be the net weight of the beast, sinking the offal.

Note.—No. 11, is allowed a factor, when the circumference is not more than three feet.

No 16, when the circumference is more than three feet, and less than five feet.

No 23, when the circumference is more than five feet, and less than seven feet.

No. 31, when the circumference is more than seven feet, and less than nine feet.

Example.

Let the following figures represent dimensions, accurately taken from a fat bullock, or any other animal:—

		ft.	*in.*
Circumference		6	4
Length		5	3
	1	7	0
	31	8	
Area	33	3	0
Factor	23		
	99		
	66		

Pounds weight in a stone, 14)759(54st.
70
59
56
Remainder 3

☞ I have omitted shewing the work for the 3 square inches, which would have been something more than 5lb. which, added to the remainder 3, would have made the whole 54st. 8lb. Any more examples I judge quite useless, it is so plain.

Note.—From the great difference there is in mould, shape, or other circumstances, in some cattle; or when the girth comes near the digits 3, 5, 7, and 9, the above rule may vary somewhat from the true weight found at the scale. In such cases, the querist should, from his own idea, and from the weight found by the rule, declare his judgment accordingly; for it cannot be expected, that cows that have had many calves, and cattle that are not properly fat, or even those that are over fatted, will prove, at one and the same measurement, all alike, (not by one stone in a score, at the least) wherefore, I shall leave these matters to the judicious, trusting the above will be found very useful in point of speculation.

**** This book has been carefully compared with the manuscript, and is correctly printed. I heartly wish the practitioner success.*

Joseph Arundel.

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